GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department- APSIDC-NABARD- Lift Irrigation Schemes – Administrative sanction of 19 Lift Irrigation Scheme under RIDF-XXIV for an amount of a total estimated cost of Rs. 15040.96 Lakhs-Orders-Issued.

WATER RESOURCES (MIG) DEPARTMENT

G.O.RT.No. 615 **Dated: 31-08-2018**

Read the following:

1. From the JMD, APSIDC Ltd., Lr. No. IDC/JMD/TECH/DEE1/RIDF XX IV/2018-19/275,dt: 03.05.2018.
2. From the JMD, APSIDC Ltd., Lr.No.IDC/JMD/TECH/DEE1/RIDF XXIV /2018-19/369,Dt: 11.05.2018.
3. Letter from the Principal Finance Secretary, Lr.No.26021/15/ NABARD.SP/2018, Dated: 08.05.2018.
4. From the Special Secretary to Government (B&IF), Finance (NABARD.SP) Dept., Lr.No. 26021/15/NABARD.SP/2018, dt. 26.07.2018.
5. Letter from the JMD, APSIDC Ltd, Lr.No.IDC/JMD/Tech/DEE-1/RIDF XXIV/2018-19/1377, dated: 28.08.2018.
6. From the Special Secretary to Government (B&IF), Finance (NABARD.SP) Dept., Lr.No.FIN-26023/12/NABARD&SP/2018-1, dated: 30.08.2018.

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In the circumstance reported by the Joint Managing Director, Andhra Pradesh State Irrigation Development Corporation Limited and Special Secretary to Government (B&IF), Finance (NABARD.SP) Department in their letters read above, Government after careful consideration, hereby accord Administrative Approval to the following 19 Lift Irrigation Schemes under RIDF –XXIV Tranche for a total estimated cost of Rs. 15040.96 Lakhs (Rupees Fifteen Thousand Forty Lakhs and Ninety Six thousand only) out of which NABARD loan is 12503.35 Lakhs (Rupees Twelve thousand Five Hundred and Three Lakhs and Thirty Five thousand only) and GoAP share is Rs.2537.61 Lakhs (Rupees Two thousand Five hundred and Thirty Seven Lakhs and Sixty One Thousand only) to benefit an ayacut of 8098.02 hectares:-

Sl No	Name of the L I Scheme	District	Ayacut in hectares	Total financial outlay (Rs in lakhs)	RIDF loan (Rs in lakhs)	Govt. of AP Share (Rs in lakhs)
1	Majjigudem LIS	Srikakulam	295.00	976.64	818.57	158.07

2	Vadada LIS	Vizianagaram	348.00	800.00	674.08	125.92
3	Kesali LIS	Vizianagaram	172.00	267.45	222.15	45.30
4	Karakuduru LIS	East Godavari	263.00	314.94	261.94	53.00
5	Kongodu-I LIS	East Godavari	181.00	231.00	191.63	39.37
6	Kongodu-II LIS	East Godavari	89.00	106.28	87.39	18.89
7	Pattisema LIS	West Godavari	1009.31	1652.00	1377.89	274.11
8	Ketaveerunipadu LIS	Krishna	1434.00	2296.00	1919.62	377.18
9	Guthavaripalem LIS	Krishna	681.00	1153.70	963.23	190.47
10	Turlapadu-II LIS	Krishna	360.00	573.00	477.58	95.42
11	Annavaram-III LIS	Guntur	567.00	720.00	595.35	124.65
12	Pedanandipadu-III LIS	Guntur	156.00	264.00	218.35	45.65
13	Pandillapalli LIS	Prakasam	379.00	1280.00	1057.27	222.73
14	UppalapaduLIS	Prakasam	1042.00	1556.00	1287.68	268.32
15	Ayyalavaripalli LIS	Chittor	101.00	303.25	250.27	52.98
16	Naraharipuram LIS	Kadapa	115.00	304.00	251.41	52.59
17	Iskala LIS	Kurnool	809.39	1975.88	1632.96	342.92
18	Kogilatho	Kurnool	34.00	114.02	89.65	24.37

	ta LIS					
19	Haresam udram-II LIS	Anantha-puramu	62.32	152.00	126.33	25.67
		Total	**8098.02**	**15040.96**	**12503.35**	**2537.61**

2. The General Abstract of 19 LI Schemes are annexed to this Order as Annexure -I to XIX.

3. The Expenditure sanctioned above shall be debited to the Head of Account "4702 - MH - 101 - GH 07 RIDF– SH (15)– 530, 531 Other expenditure".

4. The Joint Managing Director, APSIDC Ltd., shall take necessary action accordingly.

5. This order does not require the concurrence of Finance Department as per instructions issued by Finance (W.A.II) Department in Memo. No. 22591 D/382/ RIDF/WA.II/201, Dated: 10.08.2001.

(BY ORDER AND IN THE NAME OF THE GOVERNER OF ANDHRA PRADESH)

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

To
The Joint Managing Director, APSIDC Ltd., Vijayawada.
The Engineer-in-Chief (Irrigation), W.R Department, Vijayawada.
The Chief Engineer, Central Designs Organization, Vijayawada.
The Chief Engineer, Minor Irrigation, Vijayawada.
The Accountant General, Hyderabad.
The Pay and Accounts Officer, A.P.Vijayawada.
Copy to
The Assistant General Manager, NABARD, RTC 'X'Road,
Musheerabad, Hyderabad.
The Finance (NABARD.SP) Department.

// FORWARDED :: BY ORDER//

SECTION OFFICER

Annexure- I to G.O. RT.No.615, Water Resources(MIG) Dept., Dated:31.08.2018

MAJJIGUDEM LIFT IRRIGATION SCHEME IN SRIKAKULAM DISTRICT
GENERAL ABSTRACT

Sl. No.	DESCRIPTION OF WORK	Cost Rs. in Lakhs
I	**CIVIL WORKS**	
	LIFT – 1	
1	Head Wall-1	2.85
2	Intake pipe line-1	5.21
3	Sump Well-1	11.23
4	Pump House-1	8.29
6	Pressure Main-1	20.94
7	Sub Pressure Main-1	19.25
8	Main Delivery Cistern - 1	3.05
9	Gravity Mains	12.51
10	Approach Road	3.9
11	Civil works in Transformer Yard -1	2.45
	Sub Total	**89.68**
	LIFT – 2 (Stage-1)	
1	Head Wall-2	2.85
2	Intake pipe line-2	5.21
3	Sump Well-2	27.00
4	Pump House-2	29.31
5	PSC Pressure Main-2	264.00
6	Main Delivery Cistern - 2	5.61
7	Gravity Main-1	22.92
8	Gravity Main-2	22.30
9	Gravity Main-3	10.17
10	Approach Road	3.90
11	Civil works in Transformer Yard -2	2.45
	Sub Total	**395.72**

Sl. No.	DESCRIPTION OF WORK	Cost Rs. in Lakhs
	LIFT – 2 (Stage-2)	
1	Sump Well-3	19.24
2	Pump House-3	29.31
3	Pressure Main-3A	30.36
4	Pressure Main-3B	22.00
5	Main Delivery Cistern – 3A	2.91
6	Main Delivery Cistern – 3B	4.78
7	Gravity Main-1	15.04
8	Gravity Main-2	6.98
9	Civil works in Transformer Yard -1	2.45
	Sub Total	**133.07**
	Total Cost of Civil Works	**618.47**
II	**ELECTRICAL AND MECHANICAL WORKS**	
	LIFT-1	
1	Suppply & fixing of 2 Nos of 15 HP HCF Pump sets including cost of Panel boards, Cables, Erection Tools and all other accessories including cost of 1No of 5 HP Vacuum Pump sets etc.,	4.05
2	MS pipes & Specials	4.40
3	Double Pole Structure with 1 No of 63 KVA transformer	4.15
	Sub Total	**12.60**
	LIFT-2(Stage-1)	
1	Suppply & fixing of 3 Nos of 80 HP HCF Pump sets including cost of Panel boards, Cables, Erection Tools and all other accessories including cost of 1No of 5 HP Vacuum Pump sets etc.,	28.16
2	MS pipes & Specials	11.00
3	Double Pole Structure with 1 No of 315 KVA transformer	9.00
	Sub Total	**48.16**

Sl. No.	DESCRIPTION OF WORK	Cost Rs. in Lakhs
	LIFT-2(Stage-2)	
1	Suppply & fixing of 4 Nos of 15 HP HCF Pump sets including cost of Panel boards, Cables, Erection Tools and all other accessories including cost of 1No of 5 HP Vacuum Pump sets etc.,	8.10
2	MS pipes & Specials	8.80
3	Double Pole Structure with 1 No of 100 KVA transformer	4.55
	Sub Total	**21.45**
	Total Cost of Electrical & Mechanical works	**82.21**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	84.09
IV	Survey and Investigation charges @ Rs 350/- per acre	2.56
V	Establishment charges @ 15% on Civil, Mech & Electrical works	105.11
VI	Service line charges including development charges and initial consumption deposit Payable to APTRANSCO	52.00
VII	Maintenance charges of the scheme for two years	2.58
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	4.80
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	7.01
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.71
XI	Provision for Seigniorage Charges	5.00
XII	Provision for Tender Publication charges	2.50
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	9.60
	TOTAL COST OF THE PROJECT	**976.64**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- II to G.O. RT.No.615,Water Resources(MIG) Dept., Dated:31.08.2018

VADADA LIFT IRRIGATION SCHEME IN VIZIANAGARAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.89
2	Head wall	2.27
3	Intake pipe line	4.92
4	Sump well	11.34
5	Pump House	15.18
5	Pressure Main	186.59
6	Main Delivery Cistern	6.86
7	Gravity Mains for 400 mm dia pipes	110.74
8	Gravity Mains for 315 mm dia pipes	118.14
9	Gravity Mains for 200 mm dia pipes	60.60
10	Transformer Yard Civil Works	3.20
11	Approach Road	6.81
	Total cost of civil works (I)	**527.54**
II	**Electrical and Mechanical Works**	
1	Supply, erection and commissioning of 2 No's of 75 HP HCF Pump sets including cables, panels etc	26.67
2	Double pole structure with 200 KVA Transformer	6.75
	Total cost of Elec. & Mech. works (II)	**33.42**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	67.32
IV	Survey and Investigation charges @ Rs 350/- per acre	3.01
V	Establishment charges @ 15% on Civil, Mech & Electrical works	84.14
VI	Service line charges including development charges and initial consumption deposit Payable to APTRANSCO	66.23
VII	Maintenance charges of the scheme for two years	1.95
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	2.80
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	5.61
X	NAC @ 0.10% on Civil, Electrical & Mech. Works	0.56
XI	Provision for Seigniorage Charges	5.00
XII	Provision for Tender Publication charges	1.55
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	0.87
	Total Cost of the Project	**800.00**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- III to G.O. RT.No.615,Water Resources (MIG) Dept., Dated:31.08.2018

KESALI LIFT IRRIGATION SCHEME VIZIANAGARAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Head wall and intake pipe line	22.63
2	Jack Well cum Pump House	59.89
3	Pressure Main	13.25
4	Main Delivery chamber	1.50
5	Gravity main	23.35
6	Sub gravity mains	32.10
7	Approach road	6.52
	Total cost of Civil works	**159.24**
II	**Electrical and Mechanical works**	
1	Supply & Fixing of 2 No of 35 HP VT Pump sets including cost of panel boards, , cables ,MS Pipes & Specials, Valves etc	14.60
	Total cost of Electrical and Mechanical works	**14.60**
III	GST at 12% on Civil, Electrical & Mechanical works	20.87
IV	Survey and Investigation charges @ Rs 350/- per acre	1.49
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	29.21
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL including transformer yard with 100 KVA Transformer	30.00
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.30
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.96
X	NAC @ 0.1% on Civil, Electrical & Mech. works	0.20
XI	Provision for Seigniorage charges	1.85
XII	Provision for Tender Publication charges	2.00
XIII	Non refundable fee payable to SE/Irrgn.VJA	3.63
	Total Cost of the Project	**267.45**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- IV to G.O. RT.No.615, Water Resources (MIG) Dept., Dated:31.08.2018

KARAKUDURU LIFT IRRIGATION SCHEME IN EAST GODAVARI DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1.	Head wall	11.78
2.	Intake Pipe line	6.65
3.	Sump well	12.47
4..	Pump House	22.73
5.	Manifold chamber	2.87
6.	Pressure Main	11.47
7.	Main Delivery Cistern	12.41
8.	Gravity main-I	11.41
9.	Gravity Main-II	28.49
10.	Gravity Main-III (Reach-I)	25.63
11.	Gravity Main-III (Reach-II)	50.23
12.	Sub-Gravity Main-I of Gravity Main-III	16.33
13.	Approach road	1.10
	Total cost of Civil works(I)	**213.57**
II	**Electrical and Mechanical works**	
1	Supply, erection and commissioning of 2 Nos of 25 HP Horizontal centrifugal Pump sets including cost of Vacuum pumpset, cables and erection tools	5.77
2	MS pipes and Specials	7.47
	Total cost of Electrical and Mechanical works(II)	**13.24**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	27.22
IV	Survey and Investigation charges @ Rs 350/- per acre	2.28
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	34.03
VI	Service line charges including development charges and initial consumption deposit Payable to APEPDCL	15.00
VII	Maintenance Charges for 2 years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	1.57
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.27
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.23
XI	Provision for Seigniorage charges	1.26
XII	Provision for Tender Publication charges	2.51
XIII	Non – Refundable fee payable to SE/Irrigation Circle/Vijayawada	0.66
	Total Cost of the Project	**314.94**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- V to G.O. RT.No.615, Water Resources (MIG) Dept., Dated:31.08.2018

KONGODU - I LIFT IRRIGATION SCHEME IN EAST GODAVARI DISTRICT
GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Head wall	7.77
2	Intake pipe line	9.20
3	Sump Well	15.55
4	Pump House	21.05
5	Manifold Chamber	4.96
6	Pressure Main	37.89
7	Main Delivery Cistern	7.56
8	Gravity Main	40.27
9	Approach Road	10.44
	Total cost of civil works (I)	**154.69**
II	**Electrical and Mechanical Works**	
1	Supply, Erection and Commissioning of 2 Nos of 25 HP HCF Pump sets including cost of Panel Boards, Cables, Erection Tools and all other accessories including cost of 5 HP Vacuum Pump sets etc.,	5.81
2	MS Pipes & Specials	7.95
	Total cost of Elec. & Mech. works (II)	**13.76**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	20.21
IV	Survey and Investigation charges @ Rs 350/- per acre	1.56
V	Establishment charges @ 15% on Civil, Mech & Electrical works	25.27
VI	Service line charges including development charges and initial consumption deposit Payable to APTRANSCO	7.20
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	1.14
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.68
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.17
XI	Provision for Seigniorage Charges	2.00
XII	Provision for Tender Publication charges	1.77
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	0.45
	Total Cost of the Project	**231.00**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- VI to G.O. RT.No.615, Water Resources (MIG) Dept., Dated:31.08.2018

KONGODU - II LIFT IRRIGATION SCHEME IN EAST GODAVARI DISTRICT

GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Head wall	7.71
2	Intake pipe line	9.20
3	Sump Well	8.92
4	Pump House	16.19
5	Main Delivery Cistern	8.93
6	Gravity Main	17.81
	Total cost of civil works (I)	**68.76**
II	**Electrical and Mechanical Works**	
1	Supply, Erection and Commissioning of 1 No of 15 HP HCF Pump sets including cost of Panel Boards, Cables, Erection Tools and all other accessories including cost of 5 HP Vacuum Pump sets etc.,	1.78
2	MS Pipes & Specials	3.85
	Total cost of Elec. & Mech. works (II)	**5.63**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	8.93
IV	Survey and Investigation charges @ Rs 350/- per acre	0.77
V	Establishment charges @ 15% on Civil, Mech & Electrical works	11.16
VI	Service line charges including development charges and initial consumption deposit Payable to APTRANSCO	5.85
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	0.53
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	0.75
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.08
XI	Provision for Seigniorage Charges	1.00
XII	Provision for Tender Publication charges	1.50
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	0.22
	Total Cost of the Project	**106.28**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure - VII to G.O. RT.No.615, Water Resources (MIG) Dept., Dated:31.08.2018

PATTISEMA LIFT IRRIGATION SCHEME IN WEST GODAVARI DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.30
2	Intake Well	18.20
3	Intake pipe line	11.74
4	Jack Well cum Pump House	183.02
5	Pressure Main & Branch Pressure main	468.45
6	Main Delivery Cistern	6.76
7	Gravity main-1	180.06
8	Gravity Main-2	6.58
9	Gravity Main –3	79.38
10	Transformer Yard Civil Works	10.30
11	Retaining wall around Head works	37.47
	Total cost of Civil works(I)	**1002.26**
II	**Electrical and Mechanical works**	
1	Supply & Fixing of 3 Nos of 300 HP Vertical Turbine Pump sets including Cables, Panel board, cost of MS pipes and connections and Sluice valves and Reflux valves etc.,	192.18
2	Cost of Eight Pole Structure with 2Nos of 500 KVA Transformers	30.46
	Total cost of Electrical and Mechanical works(II)	**222.64**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	146.99
IV	Survey and Investigation charges @ Rs 350/- per acre	8.73
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	183.74
VI	Service line charges including development charges, initial consumption deposit payable to APEPDCL	47.80
VII	Operation and Maintenance of the Scheme for 2 years	7.02
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	8.19
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	12.25
X	NAC@ 0.1% on Civil, Electrical & Mech. works	1.22
XI	Provision for Seigniorage charges	6.00
XII	Provision for Tender Publication charges	2.64
XIII	Non – Refundable fee payable to SE/Irrigation Circle/Vijayawada	2.52
	Total Cost of the Project	**1652.00**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- VIII to G.O. RT.No.615, Water Resources (MIG) Dept., Dated:31.08.2018

KETAVEERUNIPADU LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.54
2	Intake Well (Proportionate to ayacut)	6.00
3	Intake pipe line (Proportionate to ayacut)	33.80
4	Jack Well cum Pump House (Proportionate to ayacut)	222.17
5	Pressure Main	929.85
6	Main Delivery Cistern	5.48
7	Gravity mains	353.17
8	Approach road	25.86
9	Transformer Yard Civil Works (Proportionate to ayacut)	4.95
	Total cost of Civil works(I)	**1581.82**
II	**Electrical and Mechanical works**	
1	Supply & Fixing of 4 Nos of 210 HP Vertical Turbine Pump sets including cost of MS pipes and connections and Sluice valves and Reflux valves etc.,	116.90
2	Cost of Ten Pole Structure with 2Nos of 500 KVA Transformers (Proportionate to ayacut)	27.80
	Total cost of Electrical and Mechanical works(II)	**144.70**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	207.18
IV	Survey and Investigation charges @ Rs 350/- per acre	12.40
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	258.98
VI	Service line charges including development charges and initial consumption deposit Payable to APEPDCL	44.00
VII	Maintenance Charges for two years	3.80
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	11.40
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	17.27
X	NAC@ 0.1% on Civil, Electrical & Mech. works	1.73
XI	Provision for Seigniorage charges	7.99
XII	Provision for Tender Publication charges	1.97
XIII	Non – Refundable fee payable to SE/Irrigation Circle/Vijayawada	3.56
	Total Cost of the Project	**2296.80**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- IX to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

GUTHAVARIPALEM LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.32
2	Intake Well (Proportionate to ayacut)	2.95
3	Intake pipe line (Proportionate to ayacut)	16.66
4	Jack Well cum Pump House (Proportionate to ayacut)	109.00
5	Pressure Main	548.51
6	Main Delivery Cistern	5.54
7	Gravity mains	117.76
8	Transformer Yard Civil Works (Proportionate to ayacut)	2.45
	Total cost of Civil works(I)	**803.19**
II	**Electrical and Mechanical works**	
1	Supply & Fixing of 2 Nos of 150 HP Vertical Turbine Pump sets including cost of MS pipes and connections and Sluice valves and Reflux valves etc.,	54.11
2	Cost of Ten Pole Structure with 2Nos of 500 KVA Transformer (Proportionate to ayacut)	10.62
	Total cost of Electrical and Mechanical works(II)	**64.73**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	104.15
IV	Survey and Investigation charges @ Rs 350/- per acre	5.89
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	130.19
VI	Service line charges including development charges and initial consumption deposit Payable to APEPDCL	21.00
VII	Maintenance Charges for two years	2.34
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	5.72
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	8.68
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.87
XI	Provision for Seigniorage charges	3.73
XII	Provision for Tender Publication charges	1.52
XIII	Non – Refundable fee payable to SE/Irrigation Circle/Vijayawada	1.69
	Total Cost of the Project	**1153.70**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- X to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

TURLAPADU-2 LIFT IRRIGATION SCHEME IN KRISHNA DISTRICT

GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.55
2	Intake Well	6.93
3	Intake pipe line	13.46
4	Jack well cum pump House	56.10
5	Pressure Main	226.52
6	Main Delivery Cistern	5.78
7	Gravity Mains	38.11
8	Transformer Yard Civil Works	4.76
9	Approach Road	13.30
10	Retaining wall	22.91
	Total cost of civil works (I)	**388.42**
II	**Electrical and Mechanical Works**	
1	Supply, erection and commissioning of 2 No's of 75 HP VT Pump sets including cables, panels etc and double pole structure with 200 KVA Transformer	35.08
	Total cost of Elec. & Mech. works (II)	**35.08**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	50.82
IV	Survey and Investigation charges @ Rs 350/- per acre	3.12
V	Establishment charges @ 15% on Civil, Mech & Electrical works	63.53
VI	Service line charges including development charges and initial consumption deposit Payable to APTRANSCO	17.53
VII	Maintenance charges of the scheme for two years	1.95
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	2.85
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	4.24
X	NAC @ 0.10% on Civil, Electrical & Mech. Works	0.43
XI	Provision for Seigniorage Charges	2.18
XII	Provision for Tender Publication charges	1.95
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	0.90
	Total Cost of the Project	**573.00**

ADITYANATH DAS
SPECIAL CHIEFSECRETARY TO GOVERNMENT

Annexure- XI to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

ANNAVARAM-3 LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT

GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.27
2	Intake Well	4.93
3	Intake pipe line	41.50
4	Jack well cum pump House	67.98
5	Pressure Main	52.89
6	Gravity Mains	172.70
7	Main Delivery Cistern	101.65
8	Approach Road	13.70
9	Transformer Yard Civil Works	3.71
	Total cost of civil works (I)	**459.33**
II	**Electrical and Mechanical Works**	
1	Cost of 3 No's of 75 HP VT Pump sets (1460 rpm) sets including cables, panels etc	36.75
2	DP Structure with 300 KVA transformer	8.50
	Total cost of Elec. & Mech. works (II)	**45.25**
III	GST @ 12 % on cost of Civil , Electrical & Mech works	60.55
IV	Survey and Investigation charges @ Rs 350/- per acre	4.90
V	Establishment charges @ 15% on Civil, Mech & Electrical works	84.77
VI	Service line charges including development charges and ICD etc.	46.00
VII	Maintenance charges for two years	1.76
VIII	Capacity Building @ 0.50% on Civil, Electrical & Mech. works	2.83
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	5.65
X	NAC @ 0.10% of the Project cost	0.57
XI	Provision for Seignorage charges	3.01
XII	Publication charges	3.96
XIII	CCA Amount to be paid to SE/Irrigation circle/ Guntur @ Rs.250/- per Hectare	1.42
	Total Cost of the Project	**720.00**

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Annexure- XII to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

PEDANANDIPADU-3 LIFT IRRIGATION SCHEME IN GUNTUR DISTRICT

GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.29
2	Intake Well	6.45
3	Intake pipe line	31.00
4	Jack well cum pump House	38.37
5	Gravity Mains	61.06
6	Delivery Cisterns	16.53
7	Approach Road	11.97
	Total cost of civil works (I)	**165.67**
II	**Electrical and Mechanical Works**	
1	Cost of 2No's of 25 HP VT Pump sets including cables, panel board etc	12.53
	Total cost of Elec. & Mech. works	**12.53**
III	GST @ 12% on cost of Mech & Electrical works	21.38
IV	Survey and Investigation charges @ Rs 350/- per acre	1.35
V	Establishment charges @ 15% on Civil, Mech & Electrical works	29.94
VI	Service line charges including development charges and ICD etc.,	25.00
VII	Maintenance charges for two years	1.30
VIII	Capacity Building @ 0.50% on Civil, Mech & Electrical works	1.00
IX	Labour cess @ 1% on Civil, Electrical & Mech. Works	2.00
X	NAC @ 0.10% on Civil, Electrical & Mech. Works	0.20
XI	Provision for Seignorage charges	1.32
XII	Provision for tender publication charges	1.92
XIII	CCA Amount to be paid to SE/Irrigation circle/ Guntur @ Rs.250/- per Hectare	0.39
	Total Project cost	**264.00**

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Annexure- XIII to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

PANDILLAPALLI LIFT IRRIGATION SCHEME IN PRAKASAM DISTRICT

GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	1.72
2	Intake Well	4.19
3	Intake pipe line	11.54
4	Sump Well	32.66
5	Pump House	49.90
6	Pressure Main	191.90
7	Main Delivery cistern	26.80
8	Gravity mains	485.90
9	Intermediate delivery cisterns	54.72
10	Approach road	25.83
11	Transformer Yard Civil Works	4.71
	Total cost of Civil works	**889.87**
II	**Electrical and Mechanical works**	
1	Supply & Fixing of 3Nos of 100 HP HCF Pump sets including cost of panel boards, cables etc	37.20
2	D.P Structure with 500 KVA, 11 KV Transformer	10.70
	Total cost of Electrical and Mechanical works	**47.90**
III	GST 12% on Civil, Electrical & Mechanical works	112.53
IV	Survey and Investigation charges @ Rs 350/- per acre	3.28
V	Establishment charges @ 15% on cost of Civil and Electrical & Mechanical works	157.54
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	44.50
VII	Maintenance charges of the scheme for two years	2.34
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	5.25
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	10.50
X	NAC@ 0.1% on Civil, Electrical & Mech. works	1.05
XI	Provision for seigniorage charges	2.34
XII	Provision for Tender Publication charges	1.95
XIII	Non refundable fee payable to SE /Irrgn.VJA	0.95
	Total Cost of the Project	**1280.00**

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Annexure- XIV to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

UPPALAPADU LIFT IRRIGATION SCHEME IN PRAKASAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.40
2	Intake Well	2.10
3	Intake pipe line	11.20
4	Jack well cum pump House	127.20
5	Pressure Main	256.70
6	Delivery Cisterns	158.20
7	Gravity Mains	459.60
8	Transformer Yard Civil Works	4.60
9	Approach Road	26.70
10	Staff Quarters	14.40
	Total cost of civil works (I)	**1061.10**
II	**Electrical and Mechanical Works**	
1	Cost of 3 Nos of 150 HP VT Pump sets including cables, panels etc	55.00
2	Construction of 2 Pole structure with 1no of 600 KVA transformers	13.20
	Total cost of Elec. & Mech. works (II)	**68.20**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	135.52
IV	Survey and Investigation charges @ Rs 350/- per acre	9.01
V	Establishment charges @ 15% on Civil, Mech & Electrical works	189.72
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	58.09
VII	Maintenance charges of the scheme for two years	3.51
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	5.65
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	11.29
X	NAC @ 0.10% on Civil, Electrical & Mech. works.	1.13
XI	Provision for Seigniorage Charges	8.50
XII	Provision for Tender Publication charges	1.67
XIII	Non refundable fee payable to SE /Irrigation circle/Ongole	2.61
	Total Cost of the Project	**1556.00**

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Annexure- XV to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

AYYALAVARIPALEM LIFT IRRIGATION SCHEME IN CHITTOOR DISTRICT

GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Intake Well	1.45
2	Intake pipe line	22.20
3	Jack well cum pump House	63.09
4	Pressure Main - 1	22.40
5	Pressure Main – 2	27.01
6	Pressure Main - 3	26.11
7	Delivery Cisterns	7.30
8	Gravity Mains	19.52
	Total cost of civil works (I)	**189.08**
II	**Electrical and Mechanical Works**	
1	Cost of 3 No's of VT Pump sets of 20, 25 & 15 including cables, panels etc	23.37
	Total cost of Elec. & Mech. works (II)	**23.37**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	25.48
IV	Survey and Investigation charges @ Rs 350/- per acre	0.88
V	Establishment charges @ 15% on Civil, Mech & Electrical works	35.69
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	21.50
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	1.49
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.38
X	NAC @ 0.10% on Civil, Electrical & Mech. works	0.21
XI	Provision for Seigniorage Charges	0.29
XII	Tender Publication charges	1.53
XIII	Non refundable fee payable to SE /Irrigation circle/Vijayawada	0.25
	Total Project Cost	**303.25**

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_Annexure- XVI to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

NARAHARIPURAM LIFT IRRIGATION SCHEME IN YSR KADAPA DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	Cost Rs. in Lakhs
I	**Civil Works**	
1	Intake well	2.05
2	Intake pipe line	50.75
3	Jack well cum Pump House	47.40
4	Pressure main	54.25
5	Main delivery cistern	2.55
6	Gravity Main -1	12.97
7	Gravity Main -2	22.13
8	Gravity Main -3	8.53
9	Approach Road	4.90
	Total cost of Civil works	**205.53**
II	**Electrical and Mechanical works**	
1	Cost of 2Nos of 30HP VT pumpsets including cost of Panel boards, MS Specials, Valves, cables, etc.,	9.20
	Total cost of Elec. & Mechl Works	**9.20**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	25.77
IV	Survey and Investigation charges @ Rs 350/- per acre	1.00
V	Establishment charges @ 15% on Civil, Mech & Electrical works	36.07
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	19.50
VII	Maintenance charges of the scheme for two years	1.10
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	1.20
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	2.40
X	NAC @ 0.10% of the project cost.	0.24
XI	Provision for Seigniorage Charges	1.00
XII	Provision for Tender Publication charges	0.99
	Total Cost of the Project	**304.00**

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Annexure- XVII to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018

ISKALA LIFT IRRIGATION SCHEME IN KURNOOL DISTRICT
GENERAL ABSTRACT

Sl. No.	Description	Cost Rs. in Lakhs
I	**Civil Works**	
1	Preliminaries	0.30
2	Head wall	11.94
3	Intake Pipeline	85.56
4	Jackwell cum Pump House	266.10
5	Pressure Main	382.15
6	Main Delivery Cistern	37.04
7	Gravity Mains	554.20
8	Transformer Yard Civil Works	5.36
9	Approach Road	6.36
	Total cost of civil works (I)	**1349.01**
II	**Electrical and Mechanical Works**	
1	Cost of 3 No's of 125 HP VT Pump sets including cables, panels etc	69.25
2	Four pole Structure with 500 KVA transformer	12.80
	Total cost of Elec. & Mech. works (II)	**82.05**
III	GST @ 12 % on cost of Civil, Mech & Electrical works	171.73
IV	Survey and Investigation charges @ Rs 350/- per acre	7.00
V	Establishment charges @ 15% on Civil, Electrical & Mech works	240.42
VI	Service line charges including development charges and initial consumption deposit Payable to APSPDCL	85.51
VII	Maintenance charges of the scheme for two years	2.93
VIII	Capacity building and sensitization of members of Beneficiary committee @ 0.50 % on cost of works	9.80
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	14.31
X	NAC @ 0.10% on Civil, Electrical & Mech. works	1.43
XI	Provision for Seigniorage Charges	5.85
XII	Provision for Tender Publication charges	3.83
XIII	Non refundable fee payable to SE /Irrigation circle/Srikakulam	2.02

	Total Cost of the Project	**1975.88**

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Annexure- XVIII to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018 KOGILATHOTA LIFT IRRIGATION SCHEME IN ANANTHAPURAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	**Cost Rs. in Lakhs**
I	**Civil Works**	
1	Infiltration wells	12.33
2	Pressure mains	56.03
3	Main Delivery Cistern	1.02
4	Distributory System	0.20
	Total cost of Civil works	**69.58**
II	**Electrical and Mechanical works**	
1	Supply and erection of 2 Nos of 15 HP Submersible Monoblock pump sets, total of 30 HP capacity	2.01
2	MS Pipes, Specials and valves	1.95
	Total cost of Electrical & Mech works	**3.96**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	8.82
IV	Survey and Investigation charges @ Rs 350/- per acre	0.29
V	Establishment charges @ 15% on cost of Civil, Electrical & Mechanical works	12.35
VI	Service line charges, security deposit Payable to AP TRANSCO	9.91
VII	Maintenance Charges for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.37
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	0.74
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.07
XI	Provision for Seigniorage charges	1.00
XII	Provision Tender Publication charges	5.83
	Total Cost of the Project	**114.02**

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Annexure- XIX to G.O.RT.No.615 , Water Resources (MIG) Dept., Dated:31.08.2018
HARESAMUDRAM LIFT IRRIGATION SCHEME-2 IN ANANTHAPURAM DISTRICT
GENERAL ABSTRACT

Sl. No.	Item	**Cost Rs. in Lakhs**
I	**Civil Works**	
1	Infiltration wells	28.95
2	Pressure mains	24.23
3	Delivery cisterns	3.16
4	Gravity mains	19.43
5	Civil works of Transformer yard	2.98
	Total cost of Civil works	**78.75**
II	**Electrical and Mechanical works**	
1	Supply and erection of 3 Nos of 10 HP & 1 No of 12.50 HP Submersible Monoblock pump sets, total of 42.50 HP capacity	3.08
2	MS Pipes, Specials and valves	2.88
3	DP structure with 63 KVA Transformer	3.91
4	LT Overhead lines from Panel board to I F Wells	4.74
	Total cost of Electrical & Mech works	**14.61**
III	GST @ 12% on cost of Civil, Electrical & Mechanical works	11.20
IV	Survey and Investigation charges @ Rs 350/- per acre	0.54
V	Establishment charges @ 15% on cost of Civil, Electrical & Mechanical works	15.68
VI	Service line charges, security deposit Payable to AP TRANSCO	25.40
VII	Maintenance Charges for two years	1.10
VIII	Capacity building / Sensitization of members of the beneficiary committee @ 0.50% on works	0.74
IX	Labour cess @ 1% on Civil, Electrical & Mech. works	1.05
X	NAC@ 0.1% on Civil, Electrical & Mech. works	0.10
XI	Provision for Seigniorage charges	1.33

XII	Provision Tender Publication charges	1.50
	Total Cost of the Project	**152.00**

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